

FIG. 1

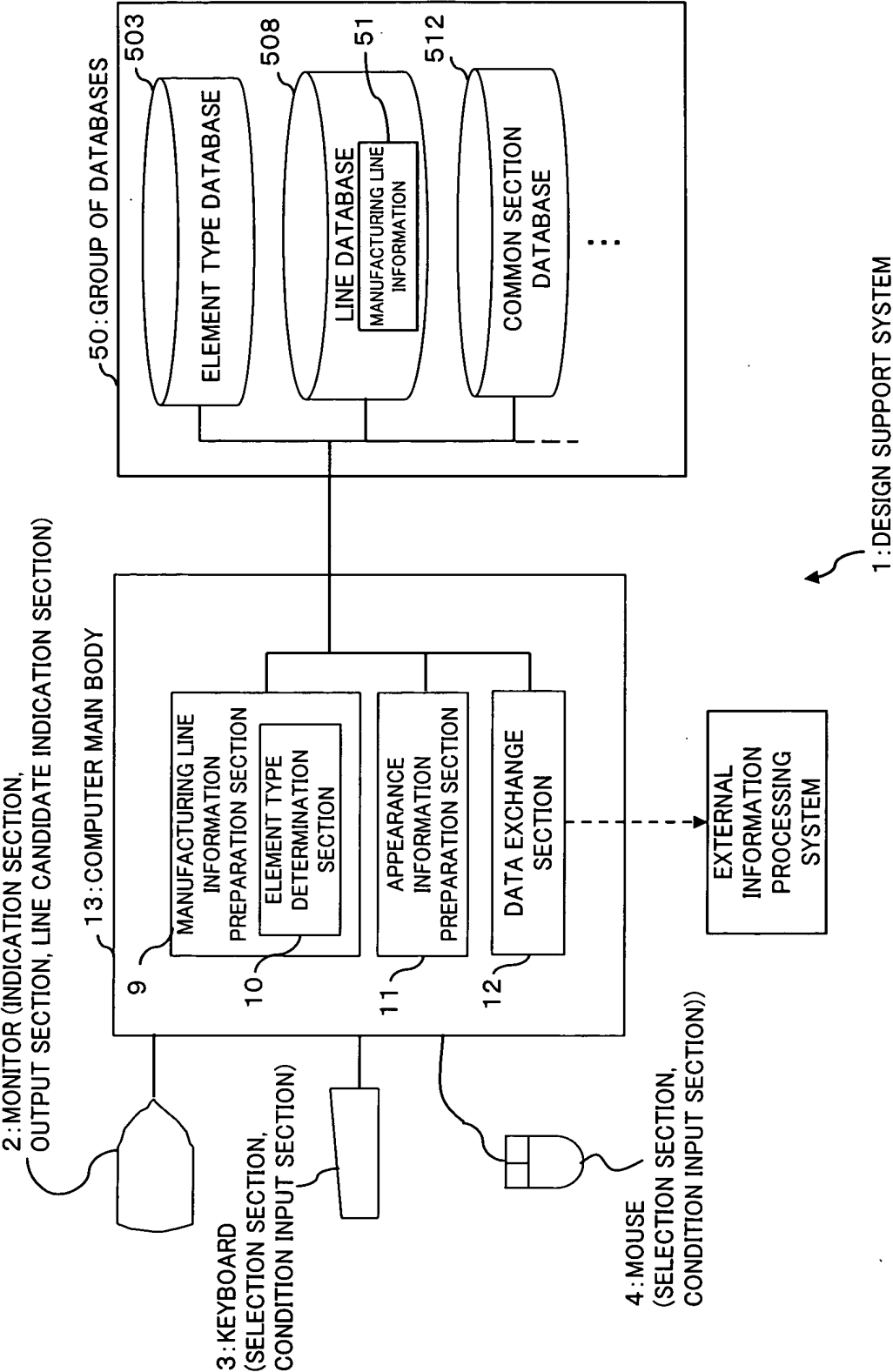


FIG. 2

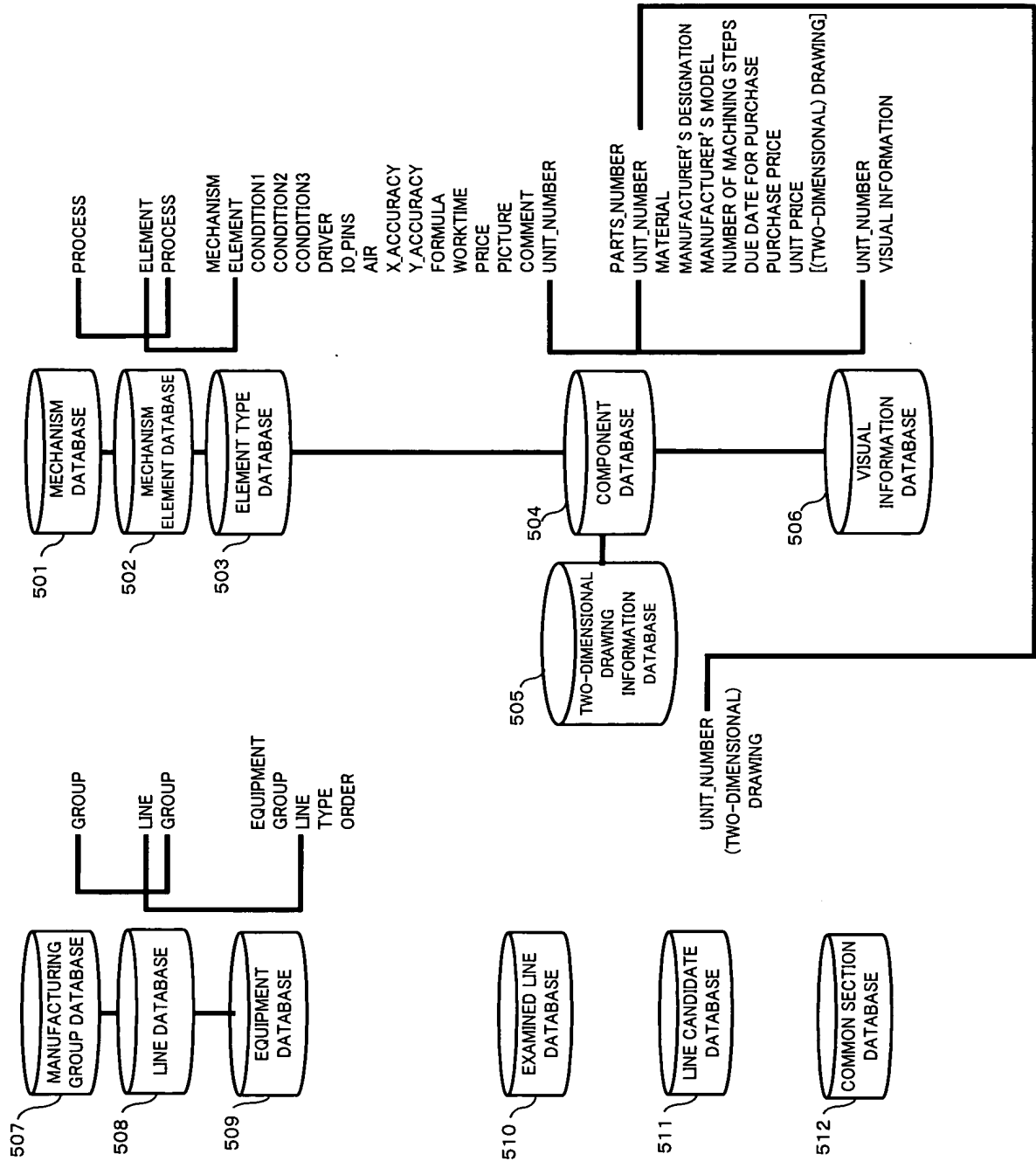


FIG. 3

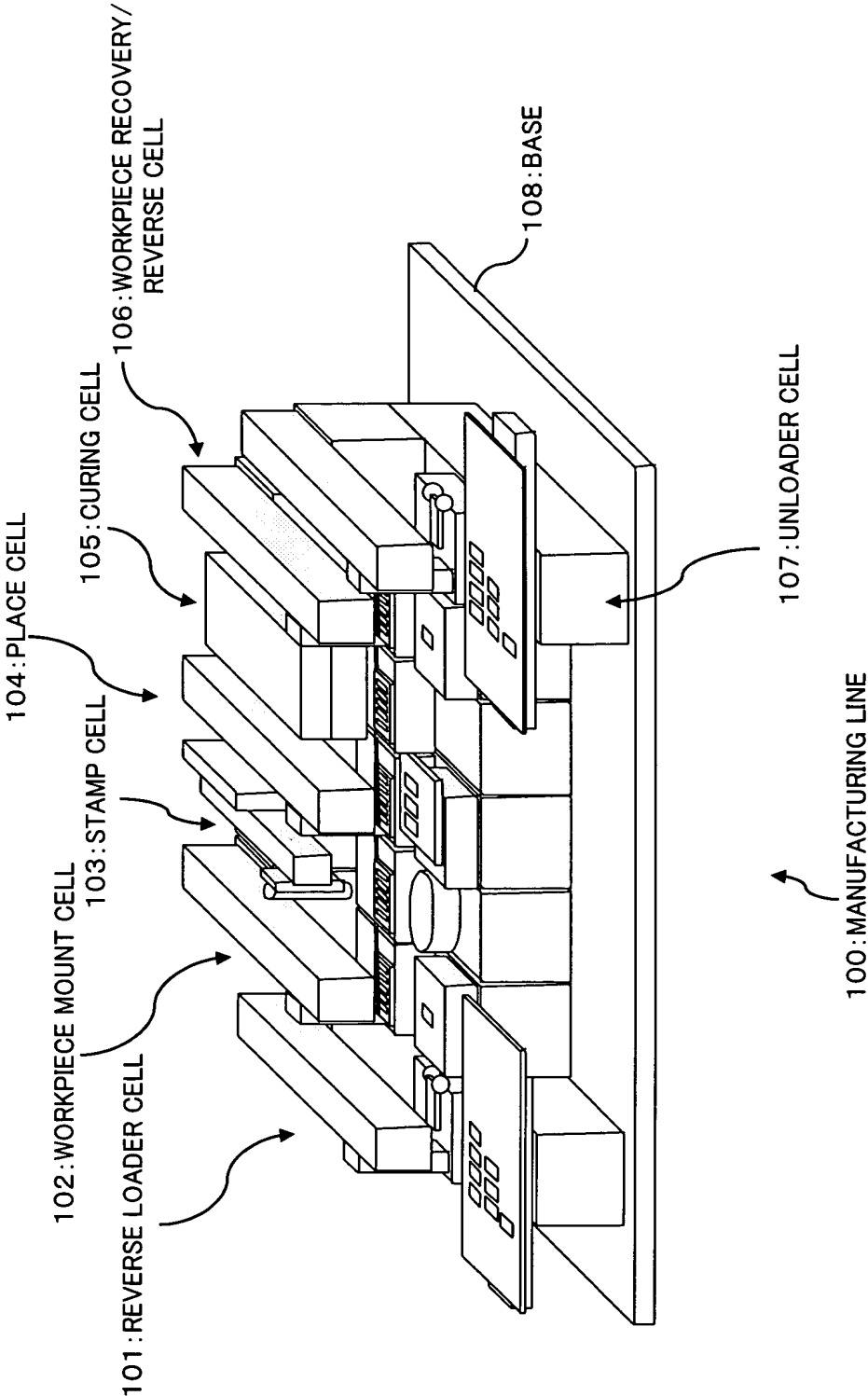


FIG. 4A

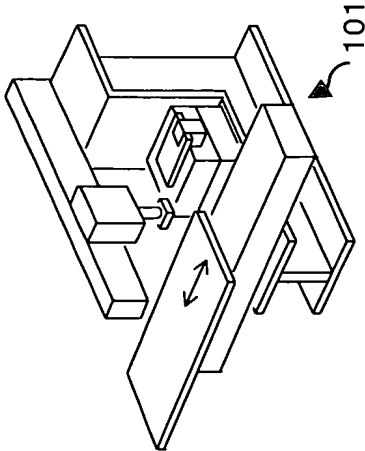


FIG. 4B

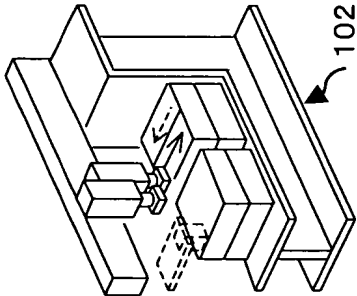


FIG. 4C

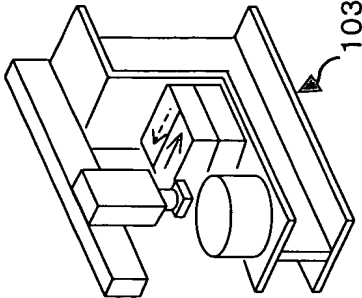


FIG. 4D

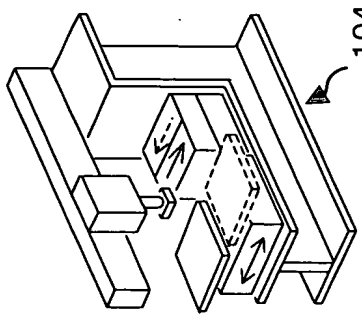


FIG. 4E

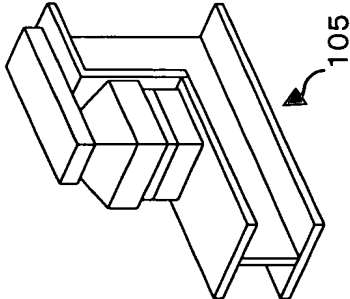


FIG. 4F

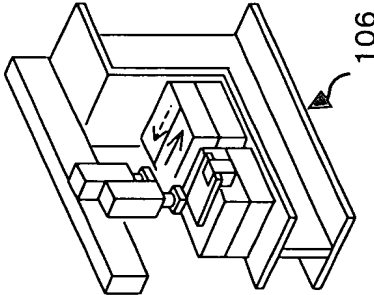


FIG. 4G

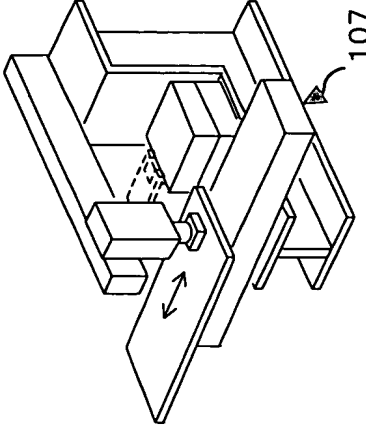


FIG. 5

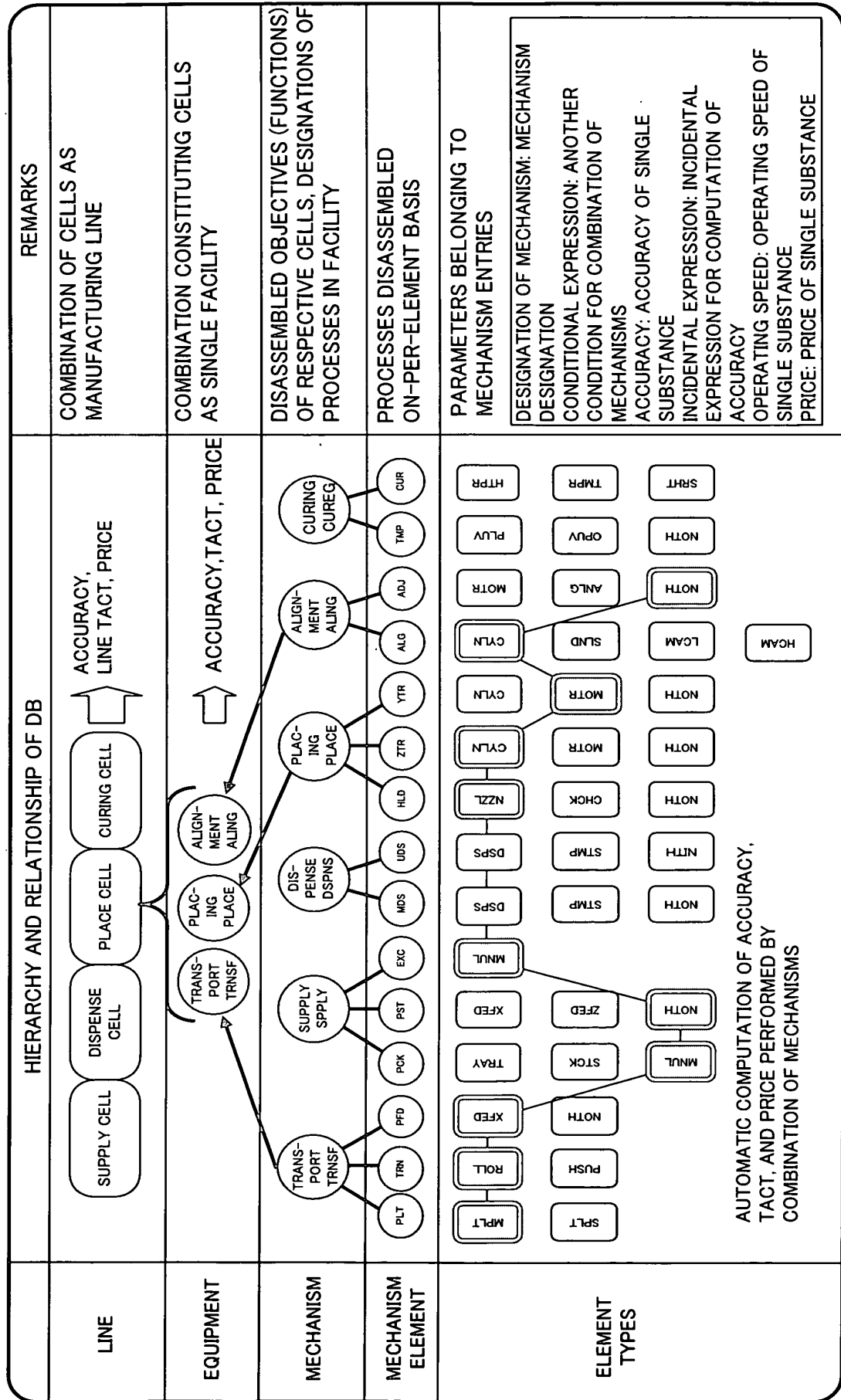


FIG. 6

PROCESS	TRANSPORT			SUPPLY			DISPENSE		PLACING			ALIGNMENT		PROVISIONAL CURING	
	PALLET	TRANSPORT	PITCH FEED	PACKAGING	SUPPLY POSITION	EXCHANGE	DISPENSE OF PRINCIPAL COMPOUND	DISPENSE	HOLD	TRANSFER	Y	ALIGNER	FINE ADJUSTMENT HEAD	TEMPORARY TACKING	PROVISIONAL CURING
ELEMENT TYPE	PLT	TRN	PF	PCK	PST	EXC	MDS	UDS	HLD	ZTR	YTR	ALG	ADJ	IMP	CUR
CONDITIONAL EXPRESSION 1	MULTIPLE PALLET	ROLLER	X-AXIS FEEDING MECHANISM	TRAY	X-AXIS FEEDING	MANUAL	DISPENSING	DISPENSING	ABSORPTION NOZZLE	AIR CYLINDER	AIR CYLINDER	CYLINDER	MOTOR	PLACED EXPOSURE TO UV	HEATING AND PRESSURIZATION
CONDITIONAL EXPRESSION 2	MPLT	ROLL	XFED	TRAY	XFED	MNUL	DSPS	DSPS	NZSL	CYLN	CYLN	CYLN	MOTR	PLUV	HTPR
CONDITIONAL EXPRESSION 3	PST/XFED											ADJ/NOTH		CUR/TEMPR	
ACCURACY	10								2	3	5	3	5	3	10
INCIDENTAL EXPRESSION															
TACT															
PRICE	¥ 00,000														
ELEMENT TYPE	SINGLE PALLET	PRESSURE	NOTHING	STICK	Z-AXIS FEEDING		STAMP	STAMP	CHUCK	MOTOR	MOTOR	SOLENOID	ANALOG	OPEN UV EXPOSURE	TEMPORARY HEATING/PRESSURIZATION
CONDITIONAL EXPRESSION 1	SPL	PUSH	NOTH	STCK	ZFED		STMP	STMP	CHCK	MOTR	MOTR	SLND	ANLG	OPUV	TEMPR
CONDITIONAL EXPRESSION 2	PST/NOTH											ADJ/NOTH		CUR/TEMPR	
CONDITIONAL EXPRESSION 3														CUR/SRHT	
ACCURACY	5								3	3	5	3	2	5	5
INCIDENTAL EXPRESSION															
TACT															
PRICE										0.5		0.2			
ELEMENT TYPE				MANUAL	NOTHING		NOTHING	NOTHING	NOTHING	NOTHING	NOTHING	CAMERA 1	NOTHING	NOTHING	SURROUND HEATING
CONDITIONAL EXPRESSION 1				MNUL	NOTH		NOTH	NOTH	NOTH	NOTH	NOTH	LCAM	NOTH	NOTH	SRHT
CONDITIONAL EXPRESSION 2				PST/NOTH								ADJ/MOTR		CUR/HTPR	
CONDITIONAL EXPRESSION 3												ADJ/ANLG		CUR/SRHT	
ACCURACY															
INCIDENTAL EXPRESSION															
TACT															
PRICE															
ELEMENT TYPE															
CONDITIONAL EXPRESSION 1															
CONDITIONAL EXPRESSION 2															
CONDITIONAL EXPRESSION 3															
ACCURACY															
INCIDENTAL EXPRESSION															
TACT															
PRICE															

REGISTER FORMULA WITHIN ELEMENT TYPE DB

EXPRESSIONS FOR CANCELLING COMPUTATION OF ACCURACY OF PLACE SECTION THROUGH ALIGNMENT OF CAMERA

-PLACE

CAMERA 2

HCAM

ADJ/MOTR

ADJ/ANLG

-PLACE

FIG. 7A

FIG. 7B

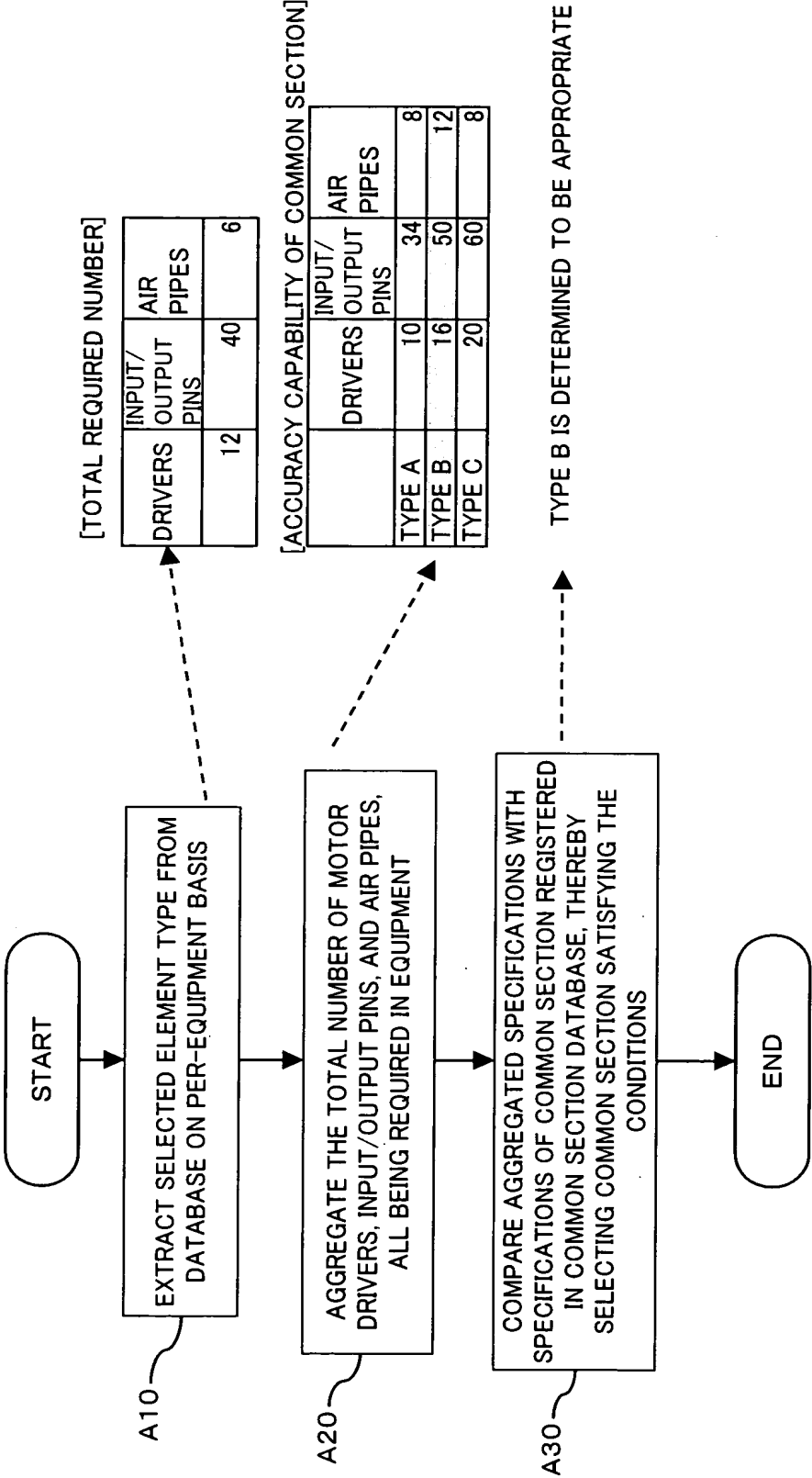


FIG. 8

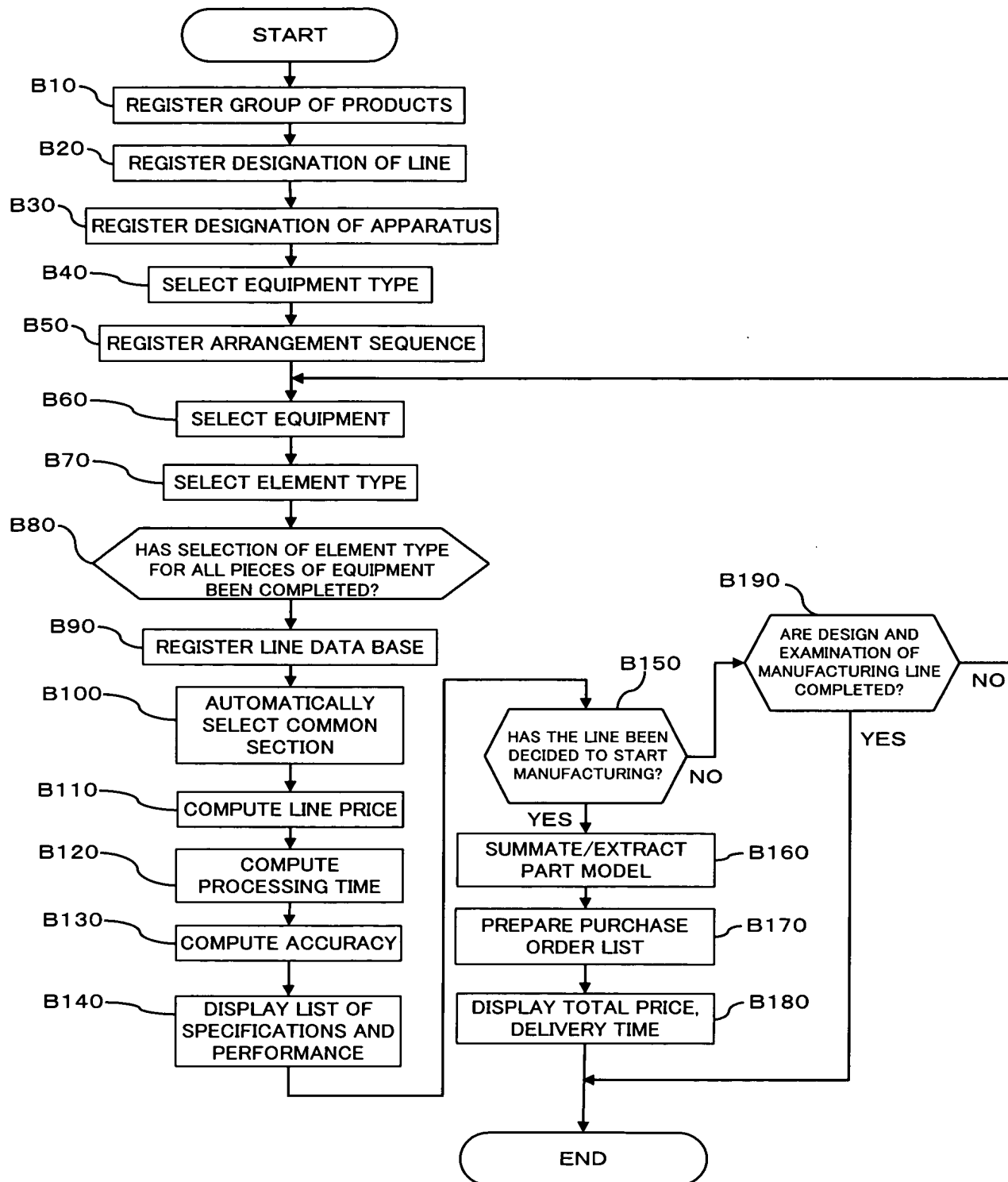


FIG. 9

REGISTER DESIGNATION AND GROUP OF MANUFACTURING LINE

EQUIPMENT		EQUIPMENT		LINE/GROUP		GROUP		TYPE		ORDER	
ID											
29	UNLOADER			CONSISTENT			PMA		SUPPLIER		14
31	DISPENSER			ELEMENT STACK			GYRO		DISPENSER		1
32	PLACER			ELEMENT STACK			GYRO		PLACER		2
33	CURER			ELEMENT STACK			GYRO		CURER		3
34	Ag PASTE			ELEMENT STACK			GYRO		DISPENSER		4
35	FPC PLACER			ELEMENT STACK			GYRO		PLACER		5
36	BONDER			ELEMENT STACK			GYRO		CURER		6
37	LOADER			OPT			OPT		SUPPLIER		1
38	TRANSFER CELL			OPT			OPT		DISPENSER		2
39	PLACE CELL			OPT			OPT		PLACER		3
40	UV EXPOSURE CELL			OPT			OPT		CURER		4
41	INSPECTION CELL			OPT			OPT		DISPENSER		5
42	UNLOADER			OPT			OPT		SUPPLIER		6
AUTO NO.											0

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REGISTER DESIGNATIONS OF
RESPECTIVE PIECES OF EQUIPMENT

REGISTER TYPES AND PROCESS
SEQUENCES OF PIECES OF EQUIPMENT

SELECT SUITABLE ELEMENT TYPE

SAVE ALL DETERMINED DATA

SELECT SUITABLE ELEMENT TYPE

[illegible]